IEZHANSKAYA, K.N. [Irshans'ka, K.N.]; OLMYNIKOVA, Ye.A. [Oleinykova, IE.A.]

Results ofaconference on the all-Republic problem "Physiological characteristics of children as the basis for effective training and the prevention of disease." Ped., akush. 1 gin. 20 no.2:61-63 '56.

(CHILDRIE)

(CHILDRIE)

GIL', S.A.; VASHCHIIKO, V.Ya.; YUMASHEVA, R.P.; IRZHANSKAYA, K.N.; GOFMAN, R.N.; YAKOVLEVA, A.N.

THE REPORT OF THE PARTY OF THE

Clinical and physiological basis of diets of young children (with a single daytime sleep period). Vop.pit. 19 no.4:19-23 Jl-Ag '60. (MIRA 13:11)

l. Is otdela fiziologii i vospitaniya rebenka (sav. - doktor med. nauk S.A. Gil!) i fiziologicheskoy laboratorii (sav. kand.med.nauk R.N. Gofman) Khar kovskogo instituta okhrany materintstva i detstva imeni N.K. Krupskoy.

(INFANTS—NUTRITION)

IRZHAVSKIY, A.

USSR/Radio - Radio Received Radio, Reception

Dec. 49

"The Salyut Receiver, " Ye. Levitin, A. Irshavskiy, 4 pp

"Radio" No 12

Describes receiver in detail. Will receive local and neighborhood stations, and employs two tubes in tuned RF reflex circuit operating on AC through selenium rectifier. Receives long and medium waves with output of 0.5 watt. Uses dynamic type loudspeaker with permanent magnet. Includes six sketches.

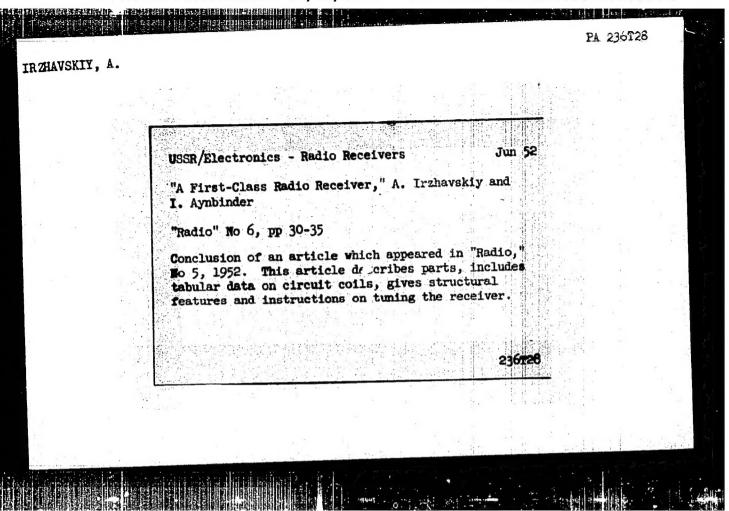
PA 157T91

USSR/Electronics - Radio Receivers | May 52 |

"A First-Class Radio Receiver," A. Irshavskiy and I. Aynbinder

"Radio" No 5, pp 28-32 |

Description of a receiver with long, medium, and four SW bands (one general and three with bandspread). Output power, 4 va; sensitivity, 75 M v on long-wave and 50 M v on remaining bands; power drain, 150 w; 15 tubes. Special features: input circuit on long-wave band; band switch design; noiseless tuning system.



IRZHAVSKIY, A. Ratio Detectors

"The Ratio Detector," A. Irzhavskiy

Radio, No 8, pp 42-46

Discusses in detail the operation of the ratio detector, which is stated to be one of the best frequency detectors for Mi receivers because it completely suppresses amplitude modulation of the signal. This eliminates the need for a limiter stage.

261 177

**APPROVED FOR RELEASE: 04/03/2001** 

cs - Detectors  Pub. 89 - 23/26  Irzhavskiy, A.  Synchronous phase-detector				
Irzhavskiy, A.				<b>电流影响。</b>
		A 181 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<b>电影,因为时间的特殊。</b>	
Radio 12, 51-53, Dec 1954				
The theoretical principals employed with a heterodyne of such a detector is disculetector system, indicating tubes used, the layout of rant circuits, is presented.	its I-F and A-F acsistances, capaci	ilagram of the wplifier stag tances and th	heterodyne- es, the type e various con	eration Of
1 <b>4.0</b>			Tremt diagr	am;
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e c d	The theoretical principals employed with a heterodyne of such a detector is discudetector system, indicating tubes used, the layout of rent circuits, is presented. Ing the detector, by means eselecting the suitable coupleraphs.	The theoretical principals regulating the per employed with a heterodyne receiver are set of such a detector is discussed. A circuit of detector system, indicating its I-F and A-F a stude used, the layout of resistances, capacitate circuits, is presented. Five successive ling the detector, by means of tuning the enodes selecting the suitable couplings between these graphs.	The theoretical principals regulating the performance of a employed with a heterodyne receiver are set forth and the of such a detector is discussed. A circuit diagram of the detector system, indicating its I-F and A-F amplifier stagent circuits, is presented. Five successive the detector is presented.	The theoretical principals regulating the performance of a phase-detect employed with a heterodyne receiver are set forth and the practical operation of such a detector is discussed. A circuit diagram of the heterodyne-detector system, indicating its I-F and A-F amplifier stages, the type successive, the layout of resistances, capacitances and the various content circuits, is presented. Five successive steps are proposed for adjusted the suitable couplings between these circuits. Circuit diagraphs.

IRZHAVSKIY, A. and FUNSHTEYN, L.

"Induction Coils With Carbonyl Iron Cores," by A. Irzhavskiy and L. Funshteyn, Radio, No 11, Nov 56, pp 54-59

This article gives an extensive list of nomenclature and characteristics of carbonyl iron induction coils of Soviet manufacture. The carbonyl cores are divided into radio-frequency grade and the "reduced" grade, the latter possessing a much higher permeability. Bakelite resident polystyrene are used as the dielectric and binding medium for these carbonyl-iron cores.

The cores are designed for use in the frequency ranges of 110 kc, 460 kc, and one Mc.

Sum 1219

DEMIDAS, V.V.; IRZHEVSKAYA, G.I.; LEL'CHITSKIY, V.N., kand.med.nauk

Sponteneous pneumothorax in infents during the first months of life. Pediatriia 38 no.11:70-73 N '60. (MIRA 14:2)

1. Iz knfedry rentgenologii i radiologii (nav. - prof.Ye.D. Dubovyy) kliniki detakikh bolezney lechebnogo fakul'teta (zav. - dotsent V.P.Chrenyuk) Odesekogo meditsinskogo instituts (direktor - prof.I.Ya.Dayneka).

(PMEMOCHICHAK in inf. & child)

(INFANT NEWBORN diseases)

IRZHEVSKIY, V.; ZIL'EERBERG, Ya.; KOMEYKO, A.

Preparation of direct ammonia cooling systems for an over-all automation.

Mas.ind. SSSR 34 no.1:35-39 \*63.

1. Odesskiy proyektno-konstruktorskiy institut avtomatisatsii pishohevoy (MIRA 1654)
promyshlennosti.

(Refrigeration and refrigerating machinery)

(Automation)

APPROVED FOR RELEASE: 04/03/2001

LRZHEVSKIY, V.P.

14(1) .

AUTHOR:

None Given

TITLE:

All-Union Scientific Technical Convention on Refrigeration Engineering

PERIODICAL:

Kholodil naya tekhnika, 1959, Nr 4, pp 61-65 (USSR)

ABSTRACT:

Under the auspices of the Leningradskiy tekhnologicheskiy institut kholodil'noy promyshlennosti (Leningrad Technological Institute of Refrigeration Industry), of the Vsesoyuznyy nauchno-issledovatel skiy institut kholodil noy promyshlennosti im. Mikoyana (All-Union Scientific Research Institute of Refrigeration Industry im. Mikoyan) and of the Vsesoyuznaya sektsiya kholodil shchikov (All-Union Section of Refrigeration Workers), a convention was held in Leningrad from the 6 through 9 August, 1959, which was attended by 534 people. Below are given the names of the principal lecturers, the names of the institutions they represent and the titles of their lectures: V.Ya. Kokorev (Ministry of Trade of the RSFSR) "Tasks of Development and of Application of Refrigeration in the National Economy of the USSR"; T.V. Gogolina, Engineer (Central Designing Bureau of Refrigeration Machine Building) "Fields of Application of Refrigeration Equipment in Industry"; V.P. Irzhevskiy. Engineer (Odessa Designing Institute of Complex Automation Production

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30V/66-59-4-19/28

All-Union Scientific Technical Convention on Refrigeration Engineering

Processes in the Food Industry) "Orientation and Designing of Automatic Systems in Refrigeration Installations"; B.L. Tsyrlin, Engineer (VNIKhI) "Investigation of the Work of Compressors of the Piston Block-Crankcase Type"; V.B. Yakobson, Candidate of Technical Sciences (VNIKhI) "Investigation of Small Freon Compressors With Built-in Electric Motors"; D.M. Ioffe, Candidate of Technical Sciences (VNIKhI) "Analysis and Investigation of Heat-Exchanging Machinery with a Ribbed Heat Transmitting Surface"; L.M. Rozenfel'd, Professor and Doctor of Technical Sciences (Leningrad Technological Institute of Refrigeration Industry) "The Problem of Complete Utilization of Refrigeration Machines"; V.S. Martynovskiy, Professor and Doctor of Technical Sciences and B.B. Paruleykar, Professor (Odessa Technological Institute of Food and Refrigeration Industries) "Thermal Air Separation at the Cold End of the Vortex Tube"; I.P. Usyukin, Professor and Doctor of Technical Sciences (Moscow Institute of Chemical Machine Building) "Results of the Two Years Working Period of the Installation ER-1 and the Prospects of Producing Technological Oxygen"; A.I. Moroz, Candidate of Technical Sciences and B.V. Denishchuk, Engineer (VNII of Oxygen Machine Building); K.I. Strakhovich, Professor and G.E. Ozhigov, Candidate of Technical Sciences (Leningrad Technological Institute of Re-

Card 2/ 4

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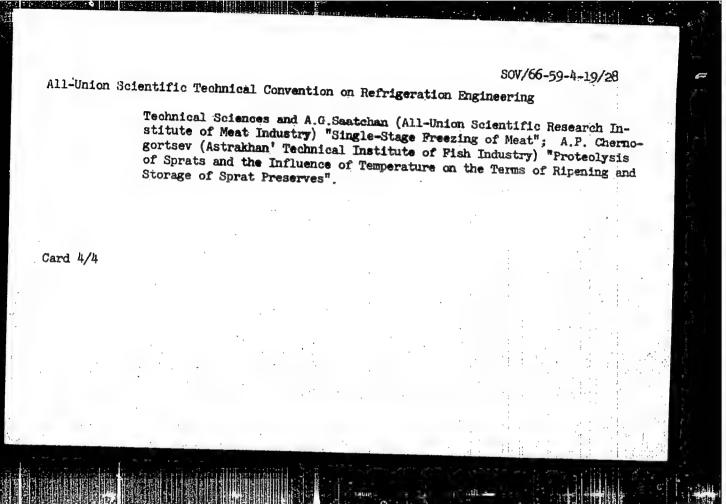
sov/66-59-4-19/28

All-Union Scientific Technical Convention on Refrigeration Engineering

Vapor of the Air Turbo-Pressure-Reducer"; A.A. Gogolin, Candidate of Technical Sciences (VNIKhI) "Ways of Developing Air Conditioning Engineering in the USSR"; A.L. Satanovskiy, Engineer (Institute of Thermal Power Engineering of the AS USSR) "Air-Water-Evaporation Cooling and Air Conditioning on the Cranes in Hot Workshops"; L.K. Lozina-Lozinskiy, Professor and Doctor of Biological Sciences (Institute of Cytology of the AS USSR) "The Latest in the Doctrine Pertaining to the Influence of Low Temperatures on Organisms"; N.A. Golovkin, Professor and Doctor of Technical Sciences (Leningrad Technological Institute of Refrigeration Industry) "Mechano-Chemistry of the Muscular Tissue Under Refrigeration Processes of Food Products of Animal Origin"; D.G. Ryutov, Candidate of Technical Sciences and P.A. Alekseyev, Candidate of Technical Sciences (VNIKhI) "Conditions of Storage and Weight Losses of Frozen Meat in a Cold Room with Jacket Heat Protection"; A.P. Sheffer; Candidate of

Card 3/4

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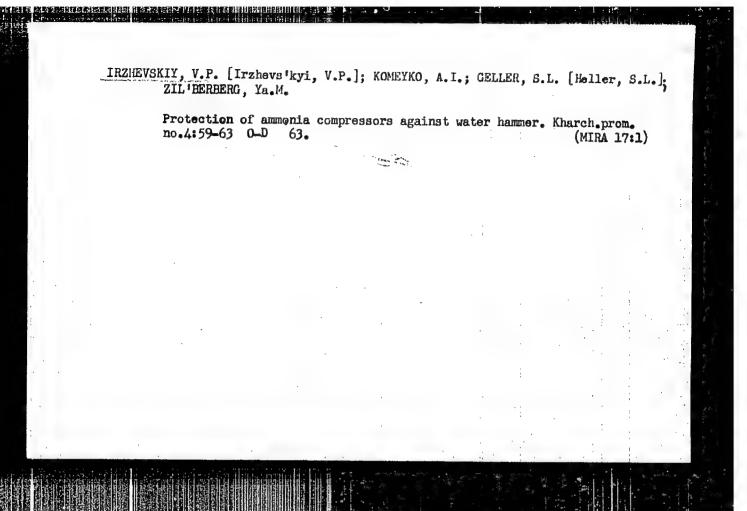
IRZHEVSKIY, V.P., inzh.; KOMEYKO, A.I.; IOANNO, M.G.

Control panels of automatic refrigerating units. Khol. tekh. 38
no. 1:15-17 Ja-F '61. (MIRA 14:4)

1. Proyektno-konstruktorskiy institut Pishcheprom.

(Refrigeration and refrigerating machinery)

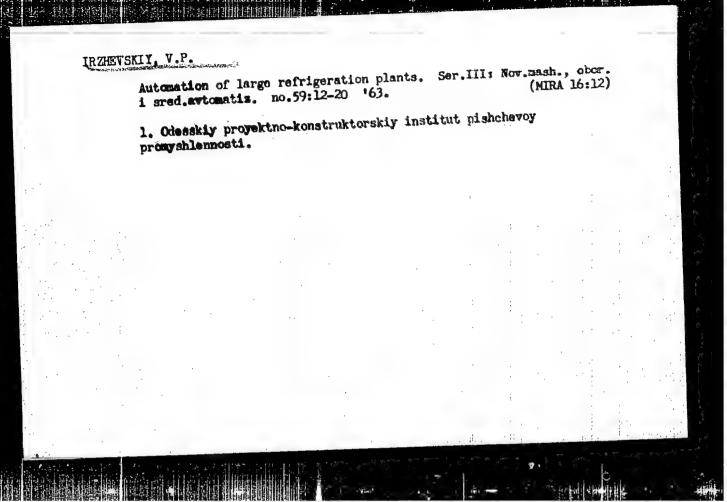
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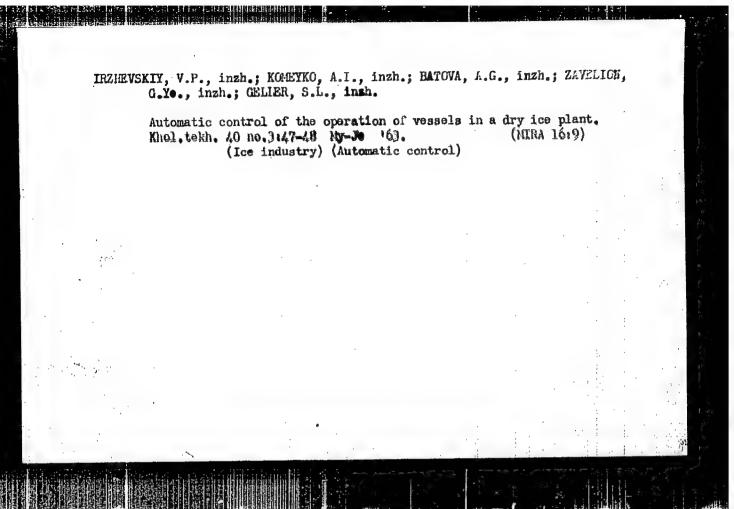
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THOR: Irzhevskiv, V. P.; G: [Geller] "Pishcheproma TIE: News in the planning	Matskin, V. S.; Geller, S. L.; Ogu avtomatika" Institute (Institut "Pi g of automated refrigeration units	shchepromavtomatika") for distributing and
coduction refrigerators  OURCE: Kholodil naya tekhu	nika, no. 1, 1966, 9-12 engineering, refrigeration equipmen	
ompressor, industrial managestract: On the basis of	recent experience in the installat	ion and operation
ecisions have been made. tatus-determining pulse is	supplied to the temperature relay	system each r an additional
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f compressor units; new compressor installations ar	nd equipped with signal lights to i	ndicate the reasons
quipment: location of con-	equipment; remote control white trol rooms adjacent to compressor in the number of service personnel principal installations is gained. Orig. ar	seed for operation
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Card 1/1 BK	UDC:	621.56.001.12

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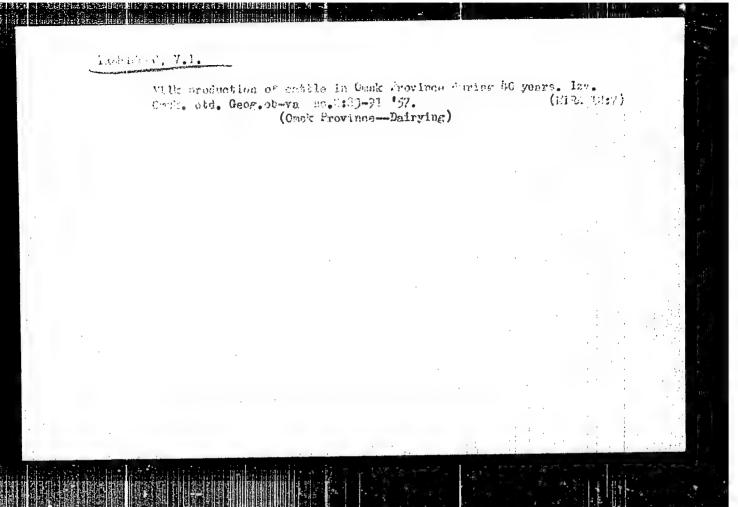
VAYNEERG, Arkadiy Yakovlevich, kand. tekhn. nauk; IRUSILOVSKIY,
Leonid Petrovich; TEPMAN, L.M., retsenzent; IRZHEVSKIY,
V.P., retsenzent; SHUVALOV, V.N., retsenzent;
SHABSHAYEVICH, M.L., spets. red.; KORBUT, L.V., red.

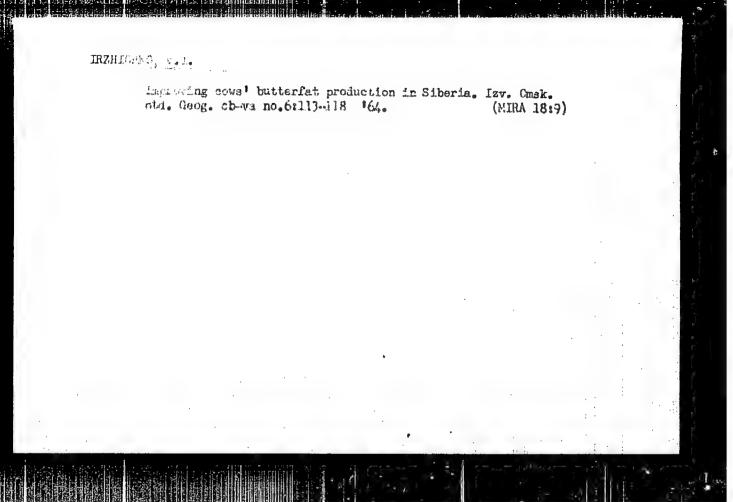
[Automation of technological processes in the dairy in-

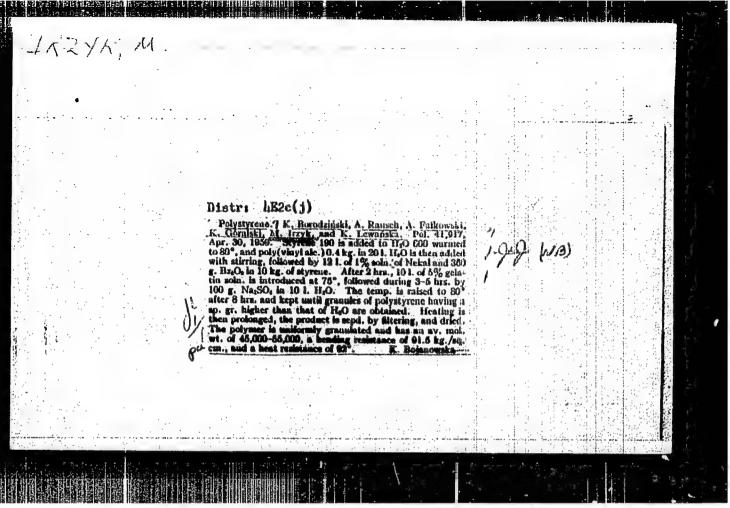
[Automation of technological processes in the dairy industry] Avtomatizatsiia tekhnologicheskikh protsessov v molochnoi promyshlennosti. Moskva, Pishchevaia promyshlennosti, 1964. 246 p. (MIRA 18:3)

1. Leningradskiy tekhnologicheskiy institut kholodil'noy promyshlennosti (for Shuvalov). 2. Vsesoyuznyy nauchno-issledovatel'skiy i eksperimental'nyy institut prodovol'-stvennogo mashinostroyeniya (for Shabshayevich).

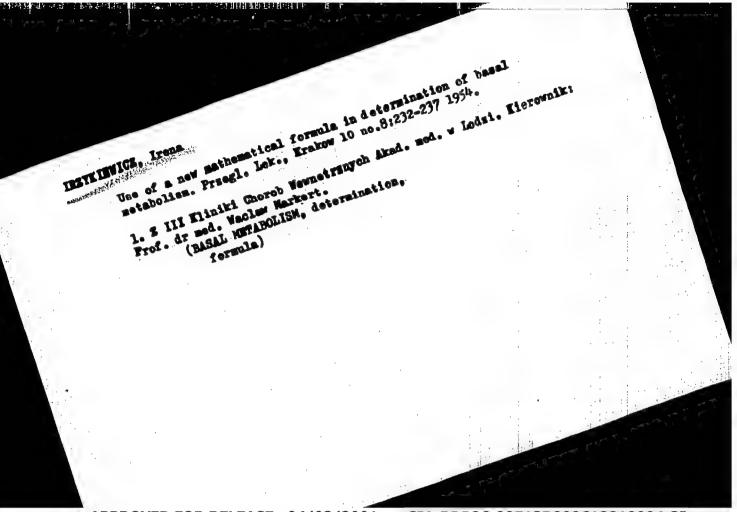
3. Institut Pishchepromavtomatika (for Irzhevskiy).







Machinery and equipment at the 4th International Flastics Fair "R 63" in Passeldorf. Chemik 17 no.3: Supplements no.2 to no.3 of chemie: 1-10" 64



APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618810004-3"

FOLAND / Human and Animal Physiology. Metabolism.

Abs Jour: Ref Zhur-Biol., No 9, 1958, 40934.

Author : Irzykiewies Prosnak, I.

Inst : Not Given.

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Title : The Value of Mathematical Formulae in the Determin-

ation of the Specific Dynamic Action of the Protein

Ration.

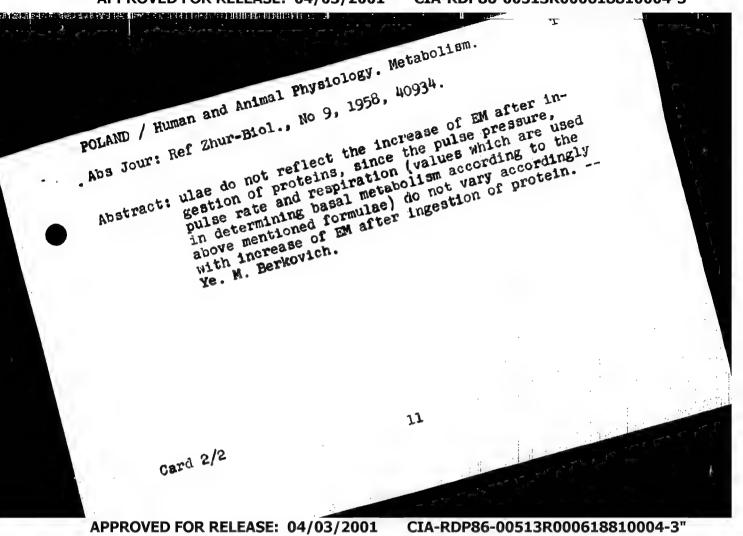
Orig Pub: Polski tygod. Lekar., 1956, 11, No 22, 969-791.

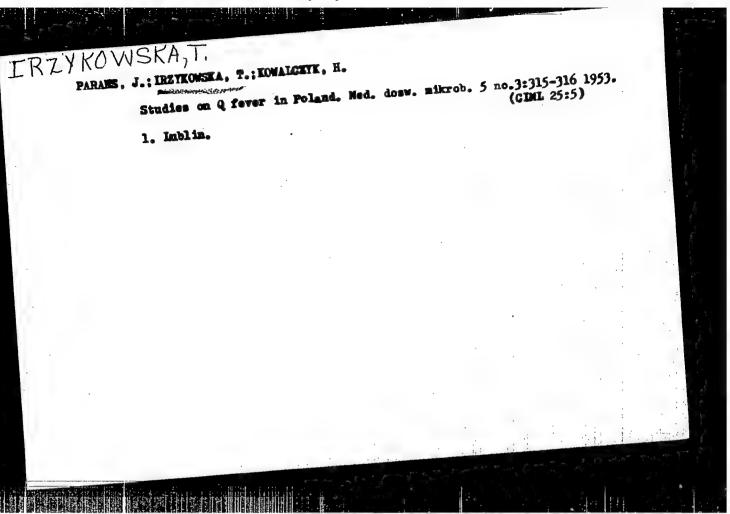
Abstract: On the basis of 238 comparative determinations of

energy metabolism (EM) by investigation of gas exchanges and calculation of basal metabolism according to the formulae of Markiewicz, Bena and Reed, it was established that the above mentioned form-

Card 1/2

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IRZYKOWSKI, J.

IRZYKOWSKI, J. Some economic problems of the organization of the ship repairing industry. p. 325. Vol. 6, no. 12, Dec. 1956. TECHNIKA I GOSFODARKA. Gdansk Poland.

SOURCE: East European Accessions List (ERAL) Vol. 6, No. 4--April 1957

IRZYKOWSKI, J.

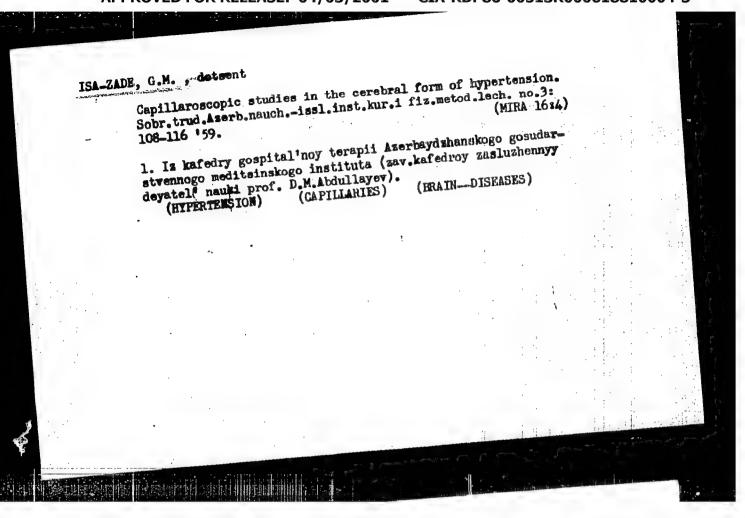
TECHNOLOGY

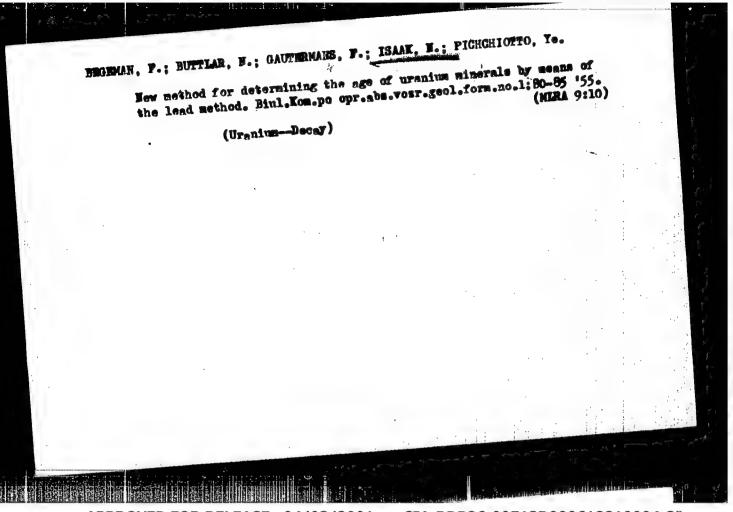
Periodicals: PRZEGLAD TECHNICZNY. Vol. 79, no. 19p Oct. 1958

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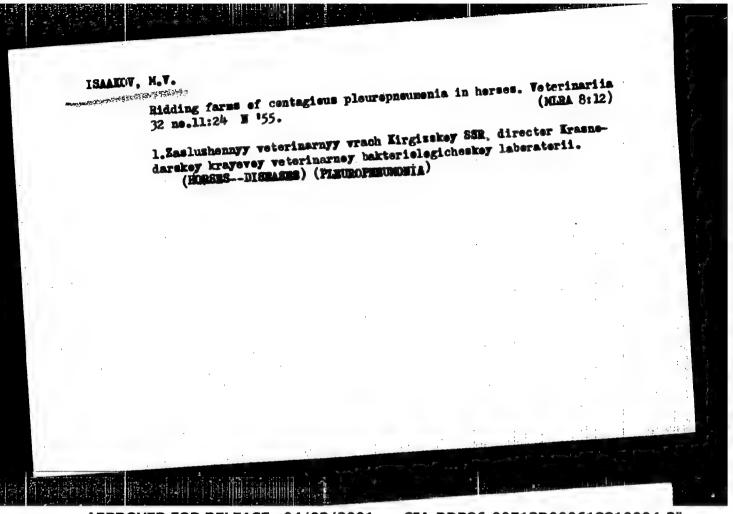
Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2, February 1959, Unclass.

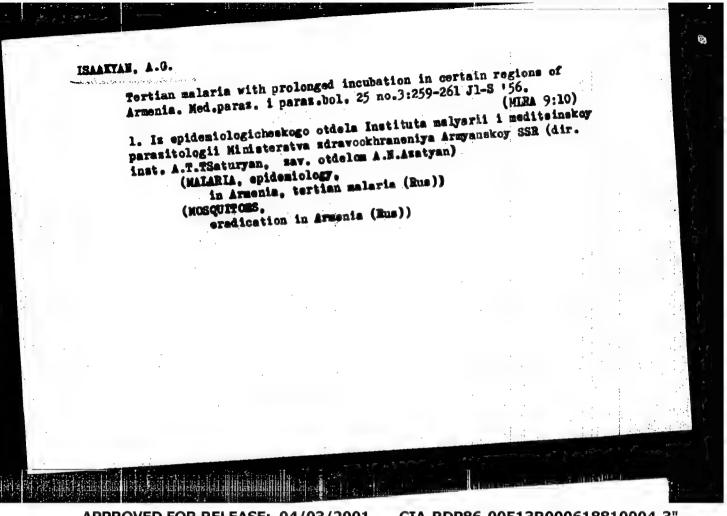
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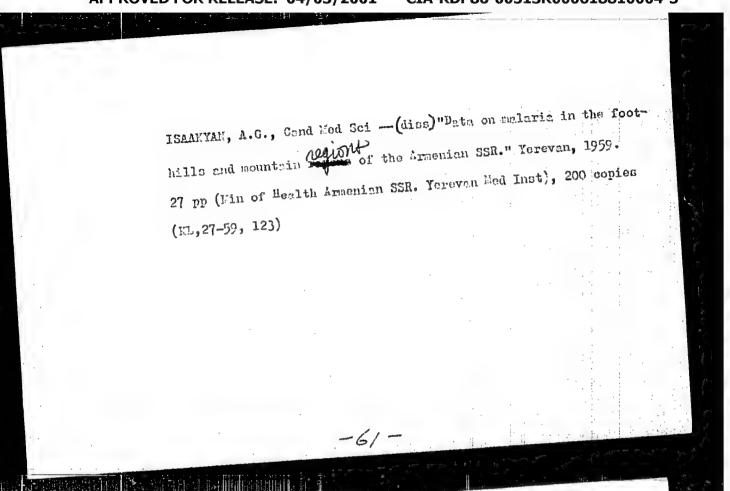


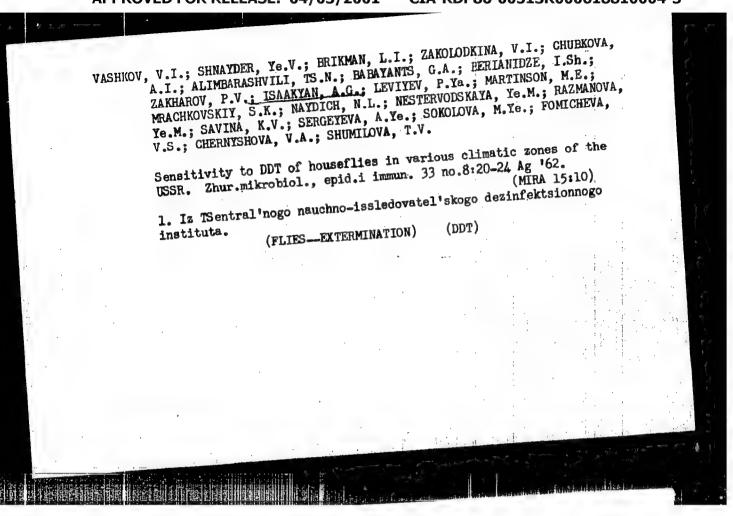


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VASHKOV, V.I.; SHNAYDER, Ye.V.; ZAKOLODKINA, V.I.; HRIKMAN, L.I.; CHUHKOVA, A.I.

ALIMBARASHVILI, TS.N.; BABAYANTS, G.A.; HERIANIDZE, I. Sh.;

ZAKHAROV, P.V.; ISAAKYAN, A.G.; LEVIYEV, P. Ya.; MARTINSON, M.E.;

MRACHKOVSKIY, S.K.; NAYDICH, N.L.; NESTERVODSKAYA, Ye.M.;

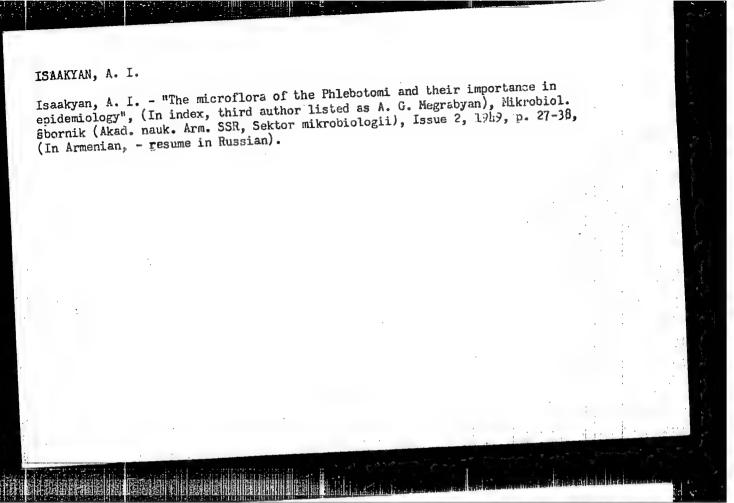
RAZMANOVA, Ye.M.; SAVINA, K.V.; SERGEYEVA, A.V.; SOKOLOVA, M.Ye.;

FONICHEVA, V.S.; CHERNYSHEVA, V.A.; SHUMILOVA, T.V.

Sensitivity of houseflies to chlorophos prior to its use.

Zh. mikrobiol. 40 no.783-7 Jl.63

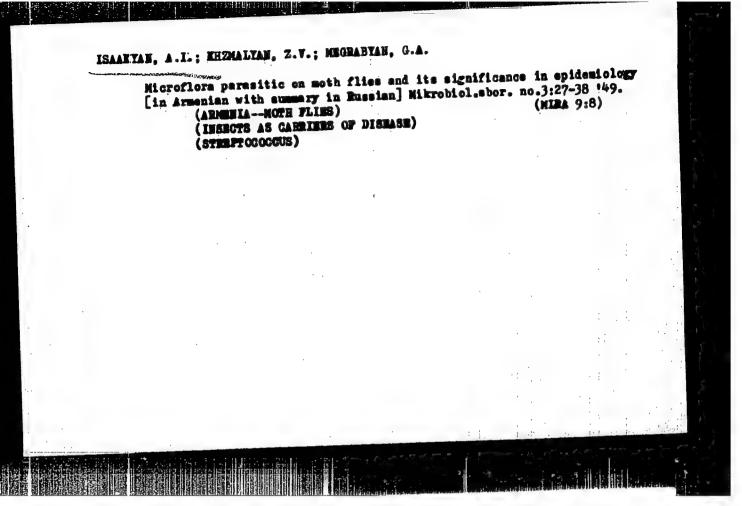
(MIRA 17:1)



CHERNYAK, N.B.; ISAAKYAN, A.I.; TOTSKAYA, A.A.; LORIYE, Yu.I.

Some biochemical and morphological characteristics of blood platelets in Glanzman-Naegeli disease. Vop. med. khim. 11 no.4:103-105 Jl-Ag 65. (MIRA 18:8)

1. Biokhimicheskaya laboratoriya gematologicheskoy kliniki i tsitologicheskaya laboratoriya TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi, Moskva.

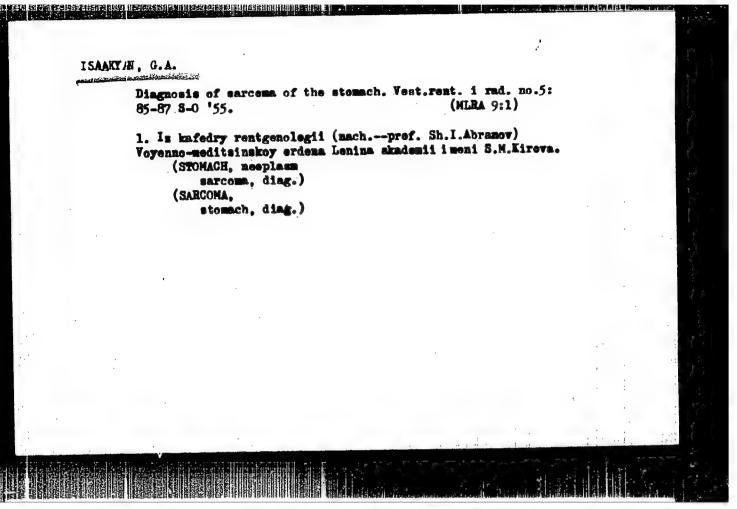


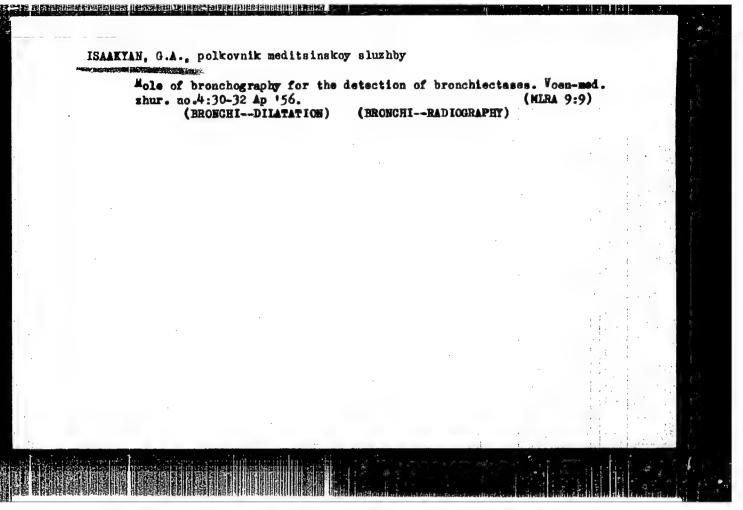
ISAAKYAN, A. Ye.

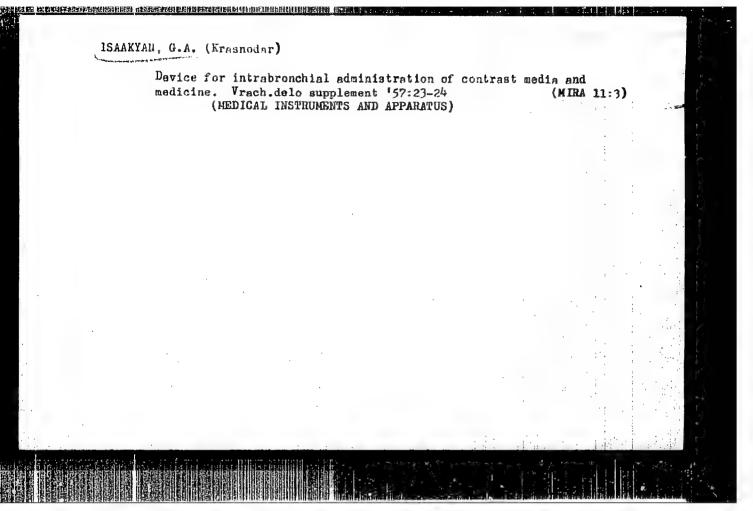
Arboriculture

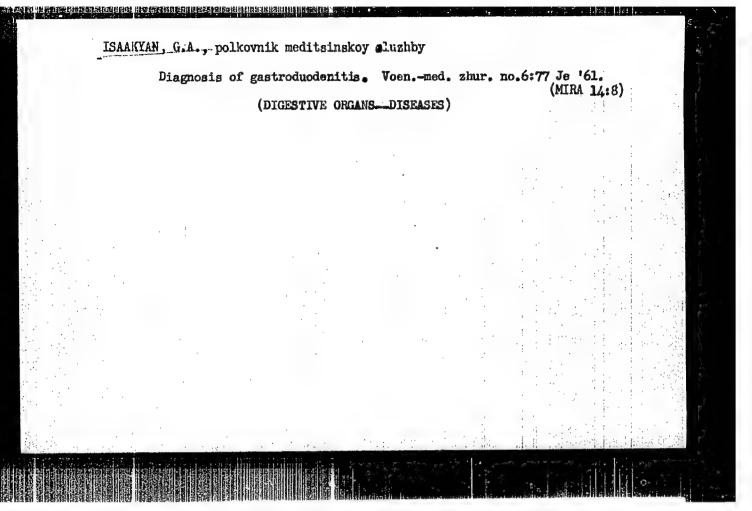
Sowing of seeds in trenches. Les.kboz. 5 No. 8, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED.









ISAMYAN, Garnik Drastamovich; CHERNYSHEVA, Yu., red.; DANILINA, A., tekhn.red.

[Armenian S.S.R.; a concise account of its history and sconomy]
Armianskaia SSR; kratkli istoriko-ekonomicheskii ocherk. Moskva,
Gos. isd-vo polit. lit-ry, 1956. 118 p. (MIRA 12:2)

(Armenia--Economic conditions)

ISAAKYAN, Garnik Drastamatovich [Isaakian, H.D.]; SKVIRSKAYA, M.P. [Skvyrs'ka, M.P.], red.; SERGEYEV, V.F., tekhn. red.

**第四条公司等的第四条第四个条件的第三人称单数** 

[Soviet Armenia] Radians'ka Virmeniia. Kyiv, Derzh. vyd-vo polit.lit-ry URSR, 1962. 102 p. (MIRA 15:6) (Armenia-Economic conditions)

ISAAHYAN, I. G.

Isaakyan, I. G.: "Amputation and prosthesis of war casualties at the Armenian hospital bases," (Report), Trudy III Zakavkazsk. s"yezda khirurgov, Yerevan, 1948 (on cover: 1949), p. 386-95

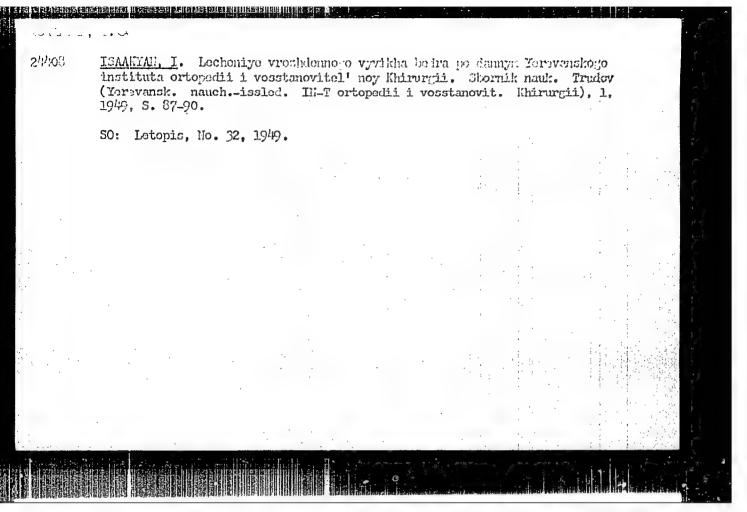
SO: U-5240, 17 Dec. 53, (Letopis 'zhurnal 'nykh Statey, No. 25, 1949).

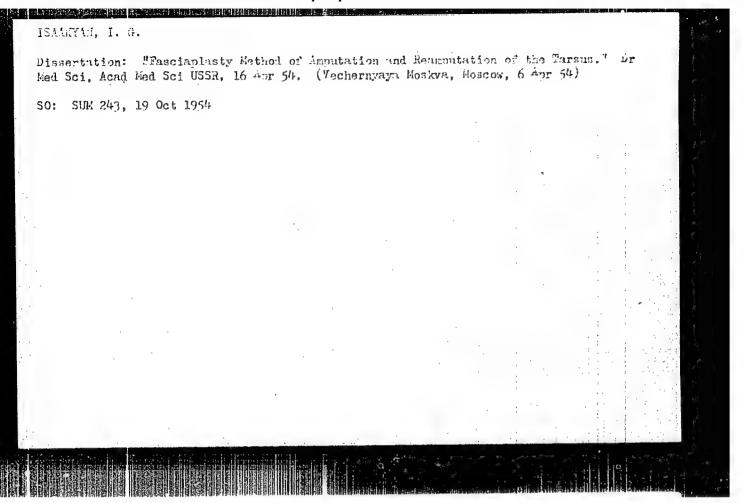
ISAANYAN, I. G.

24407

ISAANYAN, I. G. Vosstanovitel'nyve operatsii pal'tsev kisti. Shornik nauch. Trudov (Yerovansk. nauch.-iseled. IN-T ortopedii i vosstanovit. Khirurgii), 1, 1949, S. 9-12.

S0: Letopis, No. 32, 1949.





#### ISAAKYAW, I.G.

[Fasciaplastic amputation and reamputation of the lower leg]
Fastsial noplastichemiais amputatsiis i reamputatsiis goleni.
Erevan, Armianskoe gos.ixd-vo, 1959. 99 p.

(AMPUTATIONS OF LEG) (MIRA 13:11)

ISAAKYAN, I.G., doktor med.mauk

Thristofor Airapetovich Petromian, Ortop., travm.1 protes. 20
no.12:65 D '99.
(BIOGRAPHIES)

(BIOGRAPHIES)

RYABOKON', Ye.A. (Arkhangel'sk, naberezhnaya Lenina, d. 93, kv.6);
MARTYNYUK, K.D. (Kamensk-Shakhtinskiy, Arsenal'naya ul.,d.57-b);
LOPATINA, M.A. (Irkutsk, ul.Timiryazeva, d.l., kv.51);
SAGDULLAYEV, N. (Andizhan, UzbSSR, Bukharskaya ul.,d.1,kv.9)
ISAAKYAN, I.G., prof.; KRISTOSTURYAN, T.L., kand.med.nauk

Abstracts of articles received by the editors. Ortop. travm. i protez. 24 no.2:78-80 F'63. (MIRA 16:10)

1. Iz travmatologicheskogo punkta Arkhangel'ska (zav. - G.L. Chernyakovskaya) i kafedry operativnoy khirurgii (zav. - prof. S.I.Yelizarovskiy) Arkhangel'skogo meditsinskogo instituta (for Ryabokon'). 2. Iz ortopedo-travmatologicheskogo otdeleniya (zav. K.D.Martynyuk) Kamensk-Shakhtinskoy gorodskoy bol'nitsy (for Martynyuk). 3. Iz khirurgicheskogo otdeleniya (zav. - kand.med. nauk. Ya.D.Vitebskiy) Kurganskoy oblastnoy bol'nitsy (for Lopanina). 4. Iz kafedry operativnoy khirurgii s topograficheskoy anatomiyey (zav. - kand.med.nauk B.G.Caniyev) Andizhanskogo meditsinskogo instituta (for Sagdullayev). 5. Iz Yerevanskogo instituta travmatologii 9 ortopedii (dir. - prof. I.G.Isaakyan) (for Isaakyan, Kristotsturyan).

USSR/Medicine - Physiology

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Author

: Isaakyan, L. A.

Title

On seasonal variations of chemical thermoregulation and of the spe-

cific dynamic action of food in heterothermid animals

Periodical: Fisiol. shur. 2, 210-218, Mar-Apr 1955

Abstract

: The metabolic rate and body temperature of Brimacens Europeans L. (hedgehog) and Citelius pygmaeus Pall. (Siberian emrmot) were measured at 00, 50, 100, 200, 250, 300, and 33°C., in fasting condition, several times monthly throughout one year, resulting is a total of 1950 experiments in 9 animals. Between the experiments, the animals were kept at 16-20°C. The chemical thermoregulation, expressed in per cent change of the 02 consumption per 1°C. change, in Erinaceus is best pronounced in spring and summer, poorer in fall, and absent in winter. In Citellus, the thermoregulation is also best developed in spring and summer; although the 02 consumption increases at 00 and 5°C. in winter and fall significantly, there is a drop of body

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Card 2/2

FD-2456

temperature. The specific dynamic action of food is also highest in spring and summer; in contrast, white rats do not show any seasonal trend of the specific dynamic action. Graphs; tables. Sixteen references, 14 of them USSR (13 since 1940).

Institution: Laboratory of Physiology of Gas and Heat Exchange of the Department of General Physiology of the Institute of Experimental Medicine of the Academy of Medical Sciences USSR, Leningrad

Submitted: June 27, 1953

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USSR/Medicine/Physiology (annix unit, = n

Card 1/1

Pub. 17-1/23

Author

: Isaakyan, L. A.

Title

: Conditioned reflex changes in the gas metabolism and reactions of the blood vessels in connection with the effect of cold

Periodical

: Byul. eksp. biol. i med. 7, 3-7, Jul 1955

Abstract

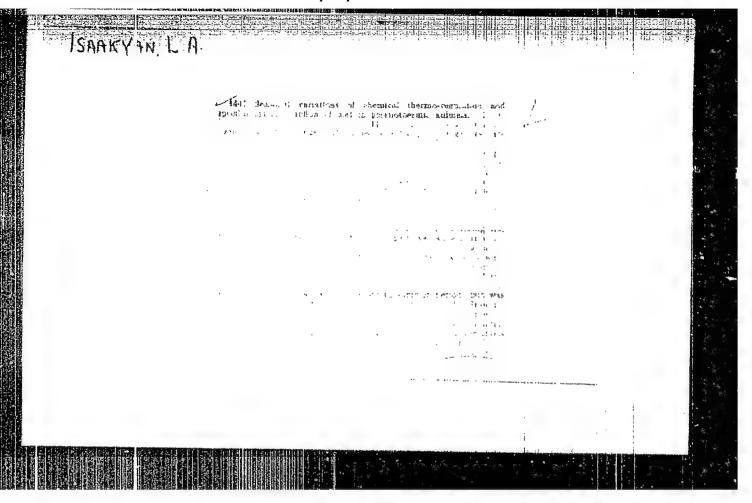
A laboratory study of the effect of cold on gas metabolism and cardiovascular system was made on three healthy persons. Cold (+4°C) was applied to the back of their right forearms. It increased the gas metabolism and caused contraction of the blood vessels. The increase in the gas metabolism was 30 or more percent but it returned to its original level 1 to 3 minutes after cold application had stopped. Changes in the gas metabolism were expressed not only in the lung ventilation but also in the oxidizing processes in the tissues. 1 reference, 1 USSR, 1 since 1940, tables and graphs.

Institution

: Laboratory of the Physiology of Gas and Heat Metabolism (Head: Prof. R. P. Ol'nyanskaya) Division of General Physiology (Head: Prof. A. V. Rikkl'), Institute of Experimental Medicine Academy Medical Sciences USSR, Leningrad

Submitted

: 22 Oct 1954



E ISAAKYAN, L.A.

USSIR/Human and Animal Physiology. The Nervous System.

V

Abs Jour: Ref. Zhur-Biol., No 6, 1958, 27439.

Author : R.P.Ol'nyanskaya and L.A. Isaakyan.

Inst Title : Reflex Changes in Gas Exchange Associated With

Typological Peculiarities of the Nervous System.

Orig Pub: Zh. vycsh. nervn. deyat-sti, 1956, 6, No 3, 408-414.

Abstract: The orientation motor response to various indifferent stimuli in dogs was accompanied by changes in gas exchange, the magnitude of which corresponded to the strength of the stimulus. The changes in gas exchange disappeared according to the degree of extinction of the motor reflex. In strong, stable dogs the alterations in gas exchange produced by the motor reflex were mild and rapidly returned to

Cardq : 1/3

Lab. fiziol gazo obnina i teploobnena otdel. obshch. fiziol IEM, AMN SSSR

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USSE/Human and Animal Physiology. The Nervous System.

Abs Jour: Ref, Zhur-Biol., No 6, 1958, 27439.

normal. In dogs of a weak type in which the excitatory process was predominant, the shifts in gas exchange were more marked (more often in the direction of an increase), while extinction of these changes was retarded. In animals representing a strong variation of the weak type, the alterations in gas exchange were great, but extinction was irregular. In repeated determinations of the basal metabolism, the rate at which a stable value of gas exchange was established for a given animal depended upon the speed of formation of a conditioned response to the experimental set-up and was determined by the type of nervous system. The author considers that reflex alterations in gas

card : 2/3

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USSE/Human and Animal Physiology. The Nervous System.

v

Abs Jour: Ref. Zhur-Biol., No 6, 1958, 27439.

exchange are an integral component of orientation reactions and reflect the dynamics of basic nervous processes in accordance with typological peculiarities.

Card. : 3/3

USSR/Human and Animal Physiology (Normal and Pathological) T Nervous System. Higher Nervous Activity. Behavior.

Abs Jour : Ref Zhur Biol., No 6, 1959, 27035

Author : Ol'nyanskaya, R.P., Isaakyan, L.A.

Inst

Title : Reflex Changes of Gaseous Interchange and Heat Regulation

in Dogs in Connection with Typological Peculiarities of

the Nervous System.

Orig Pub : V sb.: Probl. fiziol. tsentr. nervn. sistemy. M.-L.,

AN SSSR, 1957, 412-419

Abstract : In dogs of a strongly balanced type, conditioned-reflex

changes of gaseous interchange (G) with temperature reinforcement were produced and extinguished quickly, orientation reactions to indifferent stimuli were accompanied by insignificant, quickly extinguished shifts of G. the fluctuations of basal metobolism were weakly expressed. In animal of unbalanced type with prevalence

Card. 1/2

OL'NYANSKAYA, Regine Pavlovna; ISAAKYAN, Lilian Archavirovna; VASILEVSKIY,
N.N., red.; RULEVA, M.S., tokin.red.

[Methods for studying gas exchange in men and animals] Metody
iesledoveniia gazovogo obmena u cheloveka i zhivotnykh. Leningrad,
Gos.izd-vo med.lit-ry Medgis, Leningr.otd-nie, 1959. 179 p.

(RESPIRATION)

(RESPIRATION)

ISAAKYAN, L.A.; KOLRHKO, Ye.A.; SHCHRHBINA, A.G.

Electrical apparatus for thermal stimulation of the skin. Fisiol. shur. 45 no.11:1388-1391 H '59. (MIRA 13:5)

1. From the U.S.S.R. Academy of Sciences Institute of Semi-Conductors and the department of general physiology, Institute of Experimental Medicine, Leningrad.

(TEMPERATURE)

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S/020/62/146/003/018/019 B144, B186

AUTHORS:

Isaalyan, L. A., Ol'nyanskaya, R. P., Trubitsyna, G. A.

TITLE:

Temperature effects on gaseous metabolism and bioelectric activity of brain and muscles in man during muscular work

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 146, no. 3, 1962, 728-730

TEXT: The role of muscle activity and of central and peripheral effects in thermoregulation was studied in 5 healthy 20-25 - year-old individuals. Gaseous metabolism was determined with a Böhlau apparatus. Electroencephalograms and electromyograms of the arm flexor were taken after: 1) muscular work; 2) application of hot-water bags (a) and icebags (b) to the hand without muscular work; 3) muscular work with previous heating (a) and cooling (b). 1) 25 - 52% increase of gaseous metabolism; a-rhythm suppressed; action current increased. 2a) (in the same order) No change or slight reduction; suppression in the 1st minute; no change. 2b) 15 - 20% reduction, restoration after 1 min; similar to 1); but less marked; not always increased. 3a) Sometimes slight increase; insignificant suppression in the 1st minute; 15 - 20% increase. 3b) No Card 1/3

·s/020/62/146/003/018/019 B144/B186

Temperature effects on gaseous ...

increase, less, 14 - 43% reduction. 1, 2a, and 2b are compared to the state of muscles at rest under normal conditions; 3a and 3b are compared to 1. Conclusions: The accumulation of the applied heat and the heat formed by muscular work impedes the heat exchange and increases the energy consumption and the action currents. The reverse effects result from cooling. Muscle activity reduces the susceptibility of the body to the temperature applied. Temperature affects the excitability of the brain centers during muscular work and consequently also that of the muscle. The reaction in muscular activity at different températures is controlled by cortical formations, thermoregulatory hypothalamus centers and motoric centers in brain and spinal cord. There is 1 figure. The most important English-language reference is: T. R. A. Davis, J. Appl. Physiol., 16, 6, 1011 (1961).

ASSOCIATION: Institut fiziologii im. I. P. Pavlova Akademii nauk SSSR (Institute of Physiology imeni I. P. Pavlov of the Academy

of Sciences USSR)

PRESENTED:

April 5, 1962, by V. N. Chernigovskiy, Academician

Card 2/3

# ISAAKYAN, L.A.; KALIKHMAN, A.A.

Variation of gas exchange during the formation of a conditioned motor defense reaction in dogs. Opyt izuch. reg. fiziol. funk. 6:48-51 \*63 (MIRA 17:3)

1. Gruppa fiziologii gazoohmena i teploohmena (rukovoditel\* - prof. R.P.Ol'nyanskaya) laboratorii ekologicheskoy fiziologii (zav. - prof. A.D. Slonim) Instituta fiziologii imeni Pavlova AN SSSR.

# Effect of thyroxine and methylthiouracil on unconditioned re-

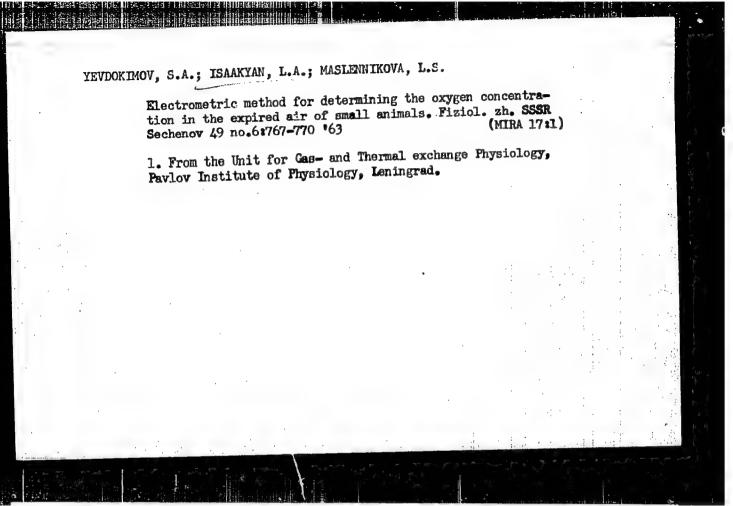
flex thermoragulation in rabbits. Opyt isuch. reg. fiziol. funk. 6:165-170 '63 (MIRA 17:3)

1. Gruppa fiziologii gazoobmena i teploobmena (rukovoditel' prof. R.P.Ol'nyanskaya) i laboratoriya ekologicheskoy fiziologii (zav. - prof. A.D. Slonim) Instituta fiziologii imeni Pavlova AN SSSR.

ISAAKYAN, L.A.; OL'NYANSKAYA, R.P.; TRUBITSYNA, G.A.

Respiratory gas exchange and bioelectric activity of human muscles during a combined effect of temperature and muscular activity on the organism. Opyt izuch. reg. fiziol. funk.61
171-179 '63

1. Gruppa fiziologii gazoobmena i teploobmena (rukovoditel' - prof. R.P.Ol'nyanskaya) Institut fiziologii imeni Pavlova AN SSSR.



ISAAKYAN, Lilian Arshavirovna; OL'MYANEK'Y', R.F., otv. red.

[Electrochemical methods of gaz Alysis in physiology]
Elektrokhimicheskie metody gazovogo analiza v fiziologii.

Moskva, Nauka, 1964. 78 p. (MIM 17:8)

ISAAKYAN, L.A.; OL'NYANSKAYA, R.P.; TRUBITSYNA, G.A.

etarane ne seem ar exemplamentennica, is a :

Physiological characteristics of the stimulation distribution in a muscular system following conditioned reflex changes in respiratory gas exchange. Dokl. AN SSSR 162 no.3:716-718 My '65. (MIRA 18:5)

1. Institut fiziologii im. I.P.Pavlova AN SSSR. Submitted July 7, 1964.

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ACC NR: AP5025672

SOURCE CODE: UR/0385/65/001/005/0419/0424

AUTHOR: Isaakyan, L. A.; Rozhayya, D. A.; Maslennikova, L. S.

ORG: Group on the Physiology of Gas Exchange, Ecophysiology Laboratory, Institute of Physiology im. I. P. Pavlov, AN SSSR, Leningrad (Gruppa fiziologii gazoobmena laboratorii ekologicheskoy fiziologii Instituta fiziologii AN SSSR)

TITLE: Species-specific characteristics of heat production in rodents following hypothermia

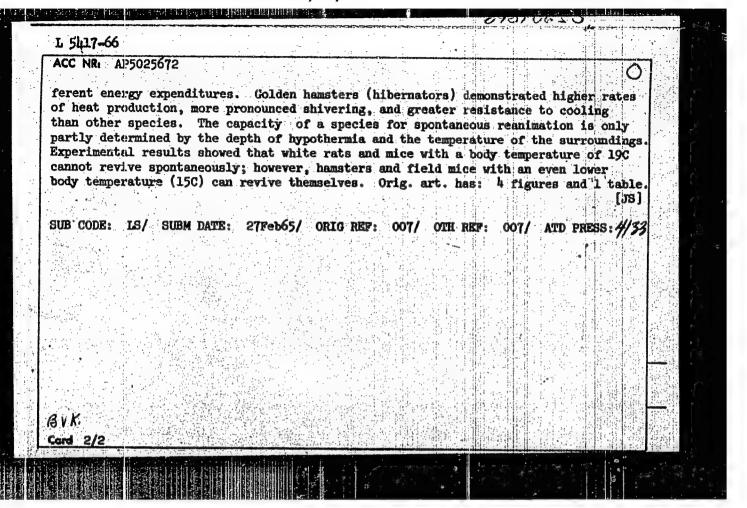
SOURCE: Zhurnal evolyutsionnoy biokhimii i fiziologii, v. 1, no. 5, 1965, 419-424

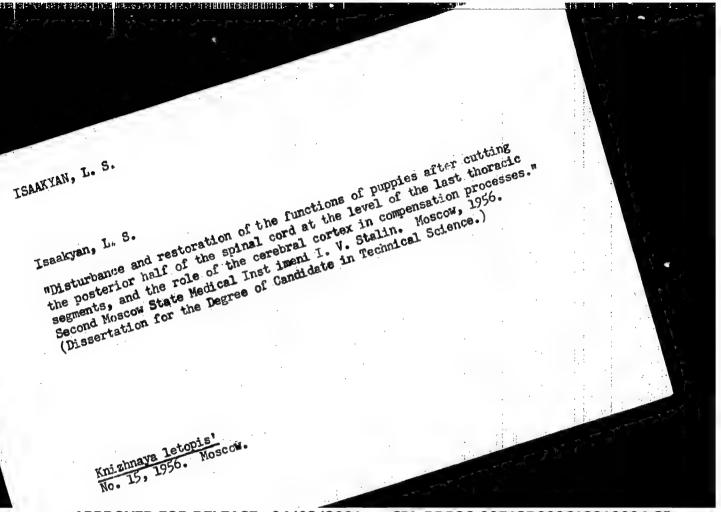
TOPIC TAGS: animal physiology, hypothermia, thermogenesis, rat, mouse, hamster

ABSTRACT: The thermogenetic capacity was investigated in some rodent species while warming up after hypothermia. White rats (Rattus norvegicus Berkenh.), white mice (Mus musculus L.), golden hamsters (Mesocricetus auratus Wath.), and field mice (Stenocranius gregalis Pall.) were used. Hypothermia was induced by a combination of hypercapnia and cooling. The oxygen consumption of animals, determined in an exsiccator, was used as an index of their heat production. It was found that the comparative thermogenetic characteristics of these animals during lethargic hypothermia (defined as a body temperature of 16—20C) and during spontaneous reanimation correspond to species-specific characteristics under normal heat conditions. Recovery of body temperature in all four species occurs in a similar manner, but with dif-

Card 1/2

UDC: 577.42+591.128:599.32





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ISAAKYAH, L.S.

Impairment and restoration of functions in puppies following transection of the posterior half of the spinal cord at the level of the last thoracic vertebrae and role of the cerebral cortex in compensatory processes. Truly Fiziol.lab.AN SSSR 1:229-263 '59. (CEREBRAL CORTEX) (SPINAL CORD)

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AID Nr. 997-10 25 June
FATIGUE OF FLIGHT PERSONNEL (USSR)

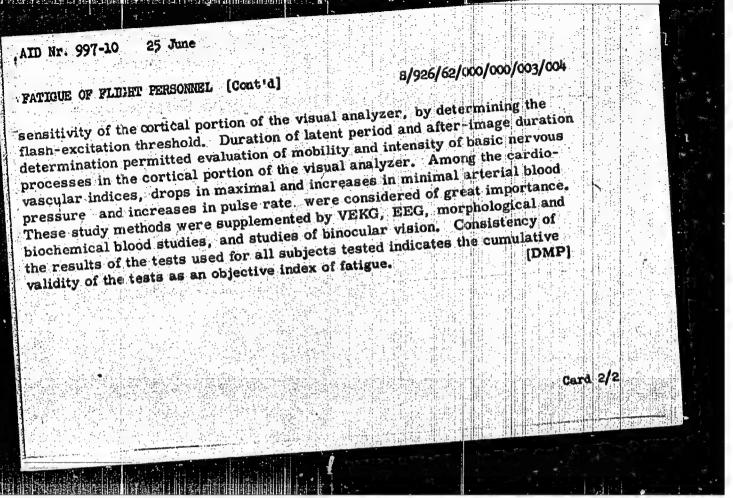
Isaakyan, L. S., IN: Konferentsiya to metodam fiziologicheskikh issledovaniy chcloveka. Materialy (Materials of the conference on methods dovaniy chcloveka. Materialy (Materials of the conference on methods of investigating human physiology). Moskva, 1962. 85-86.

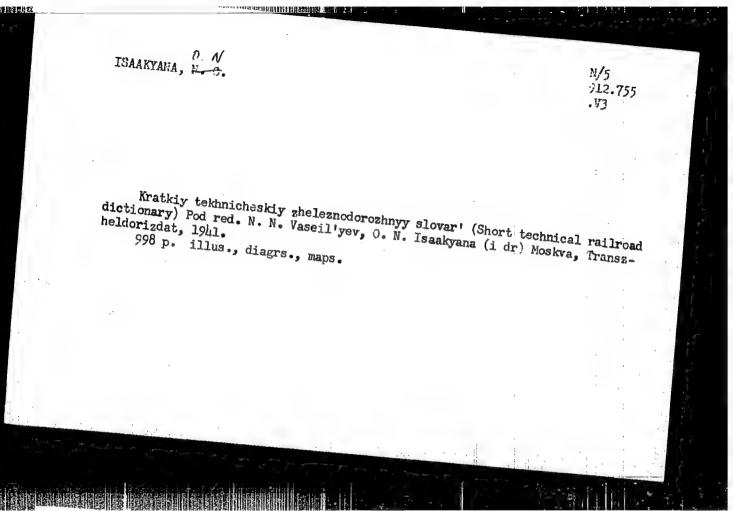
Ground studies were conducted at the Department of Aviation Medicine of the State Scientific Research Institute of the Civil Air Fleet from 1955 to 1960 to establish a physiological basis for setting permissible daily inflight work norms for flight crews on various kinds of aircraft. A number of cardiovascular functions and functions of the central nervous system were studied in 150 pilots before and after flights of 3 to 4 to 9 to 10 hours duration studied in 150 pilots before and after flights of 3 to 4 to 9 to 10 hours duration TU-104 and II-18 aircraft. Higher nervous activity was studied by determining the latent period of conditioned visual-motor reactions; lability of the cortical portion of the visual analyzer, by determining the critical flicker-fusion frequency of flashes excited by electrical stimuli; and electrogalvanic

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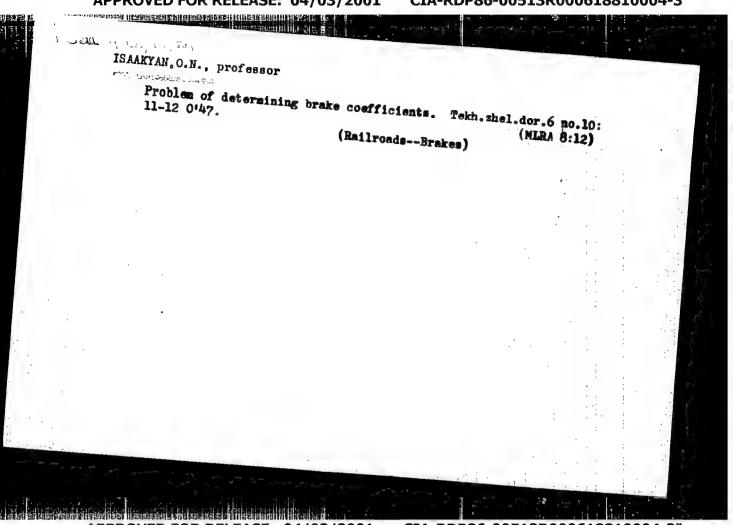


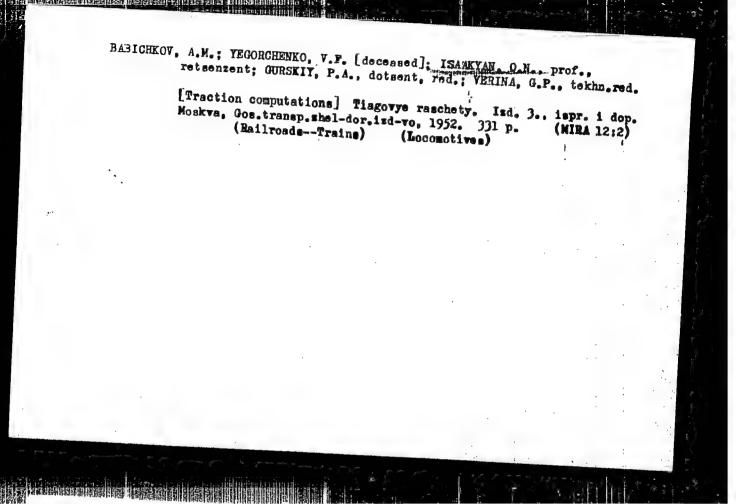
ISAAKYAN, OGANEZ NIKOLAEVICH AND P. N. ASTAKHOV.

Rezul'taty ispytanii parovoza Em. Moskva, Transzheldorizdat, 1947. 55 p. diagrs.

DLC: TJ690.18

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.



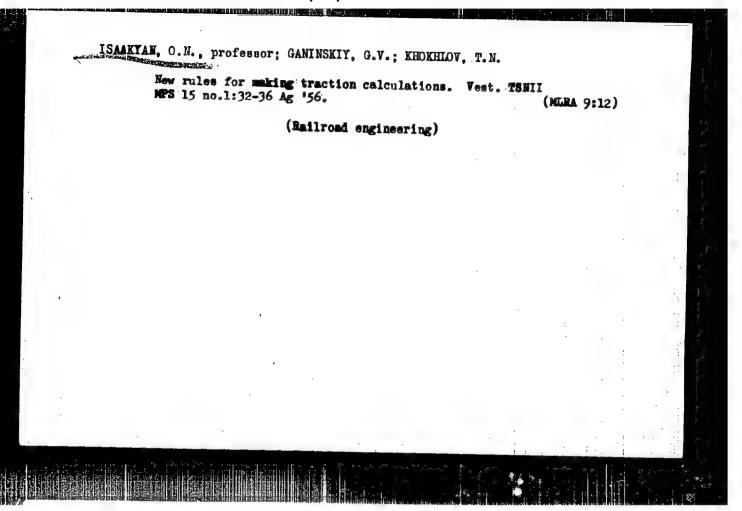


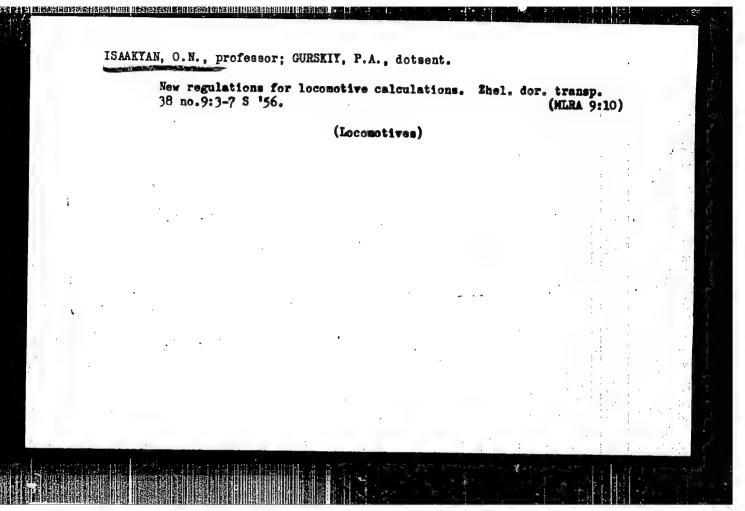
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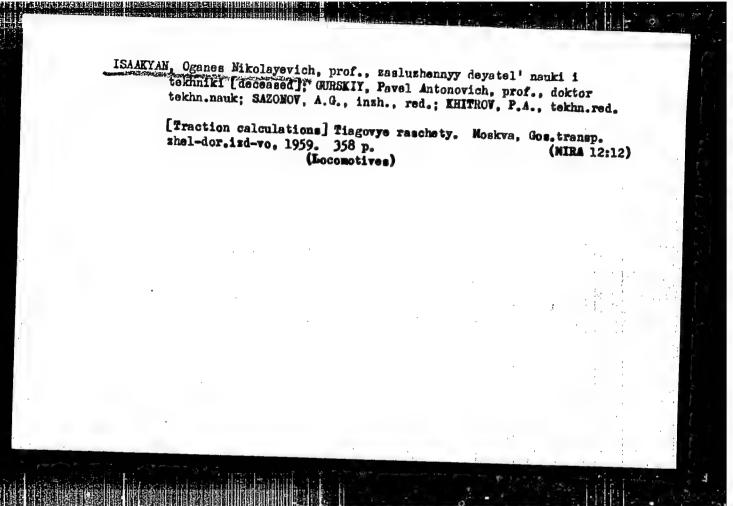
ISAAKYAN, C.N., professor, otvetstvennyy za vypusk; VERINA, G.P., tekhniche-

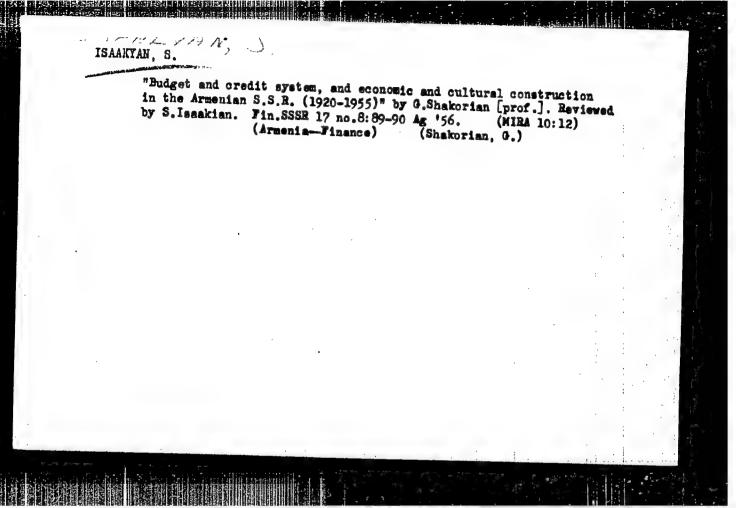
[Rules for making railroad traction estimates] Pravila proizvodstva tiagovykh raschetov dlia poezdnoi raboty. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 157 p. (MIRA 9:10)

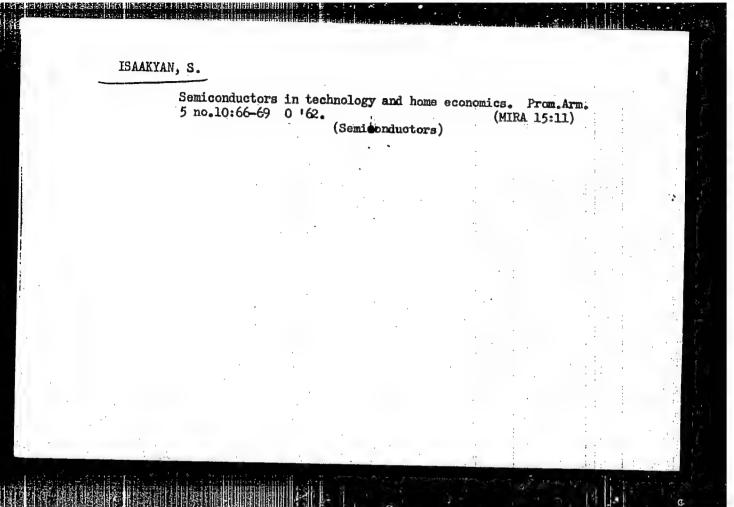
1. Moscow. Vsesoyuznyy nauchno-issledovatel skiy insitut sheleznodorozhnogo transporta. (Locomotives)



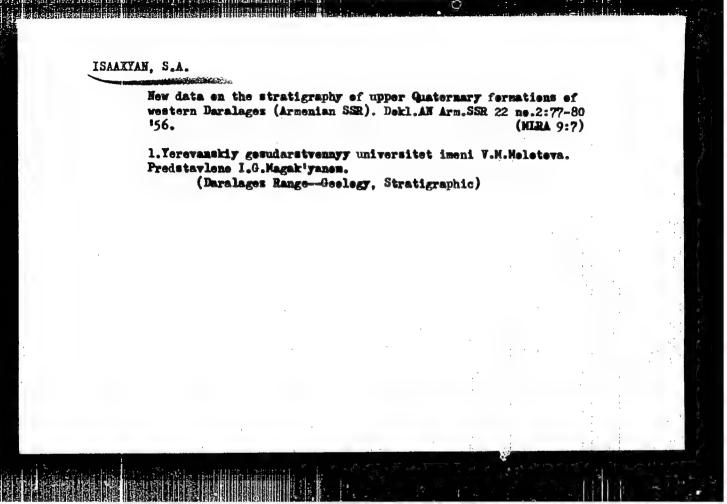








# ISAAKYAN, S.A. Symmetrical and sonal structure of the trachydacite Bugakar dike. Mauch.trudy Erev.un. 52:101-113 '55. (MLRA 9:9) 1. Kafedra mineralogii i petrografii. (Bugakar Valley--Bikes (Geology))

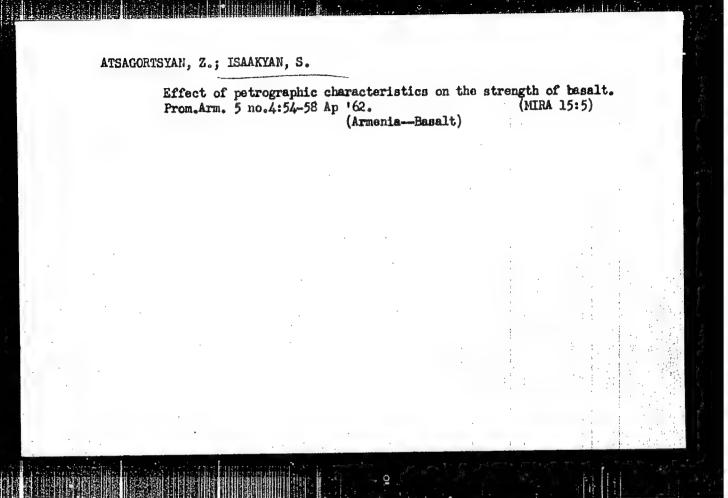


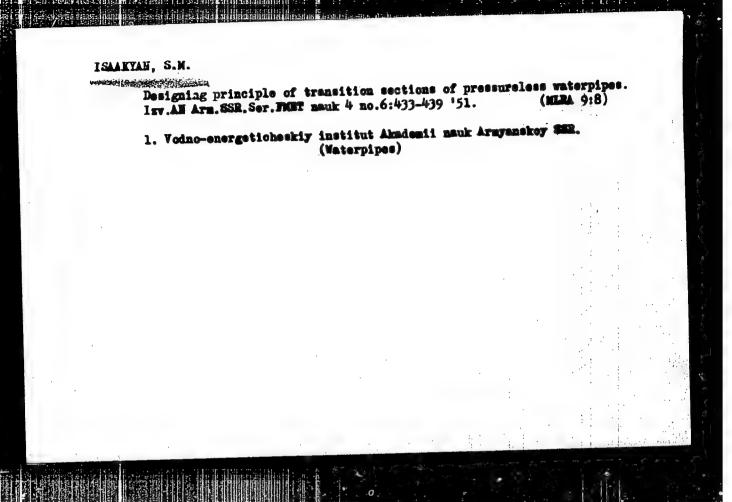
## ISAAKYAN, S.A.

Regularities of Meogens volcanism within the boundaries of the western Daralages in the Armenian S.S.R. Dokl.AM Arm.SSR 24 no. (MIRA 10:5) 3:119-124 '57.

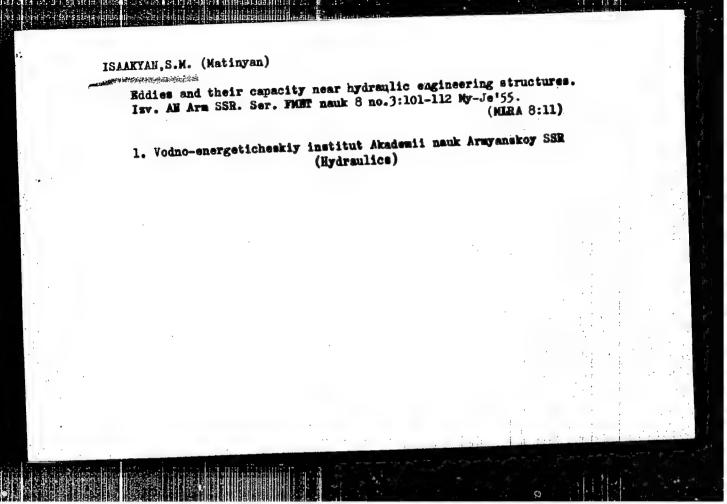
1. Yerevanskiy gosudarstvennyy universitet im. Y.M. Molotova. Predstavleno I.G. Magak'yanom. (Daralages range--Rocks, Igneous) (Daralages range--Geology, Stratigraphic)

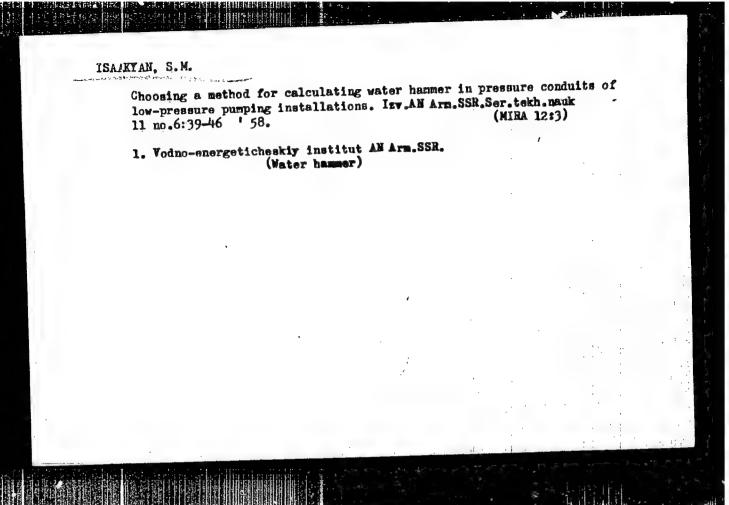
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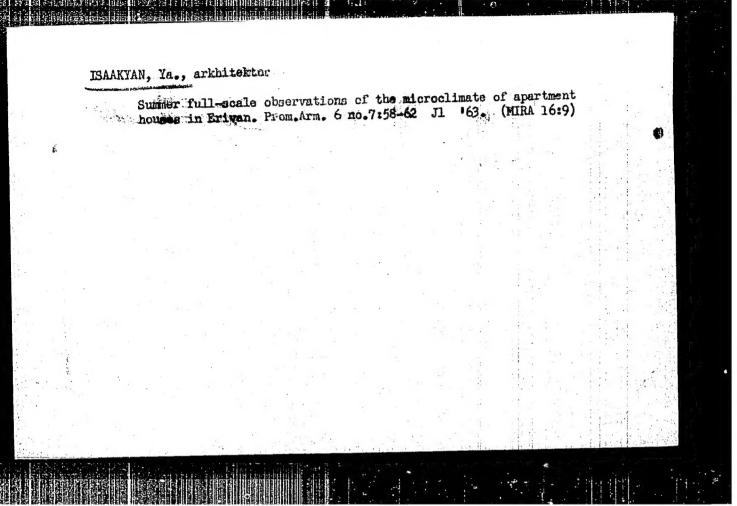


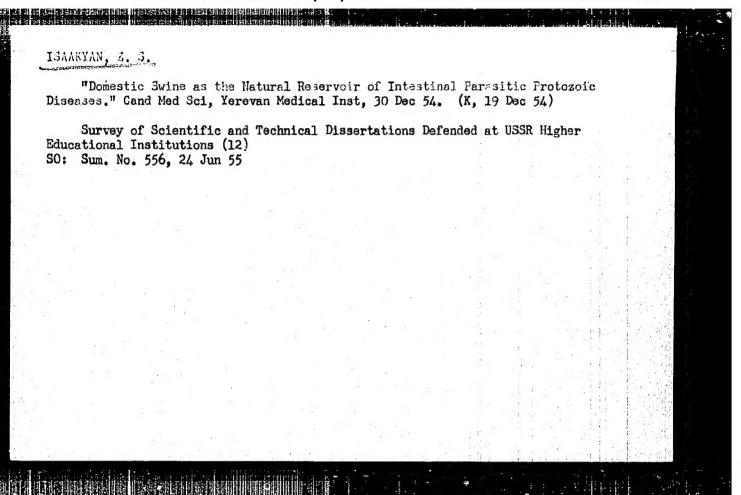
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[ <u>L 61004-65</u> EWF(11)	/ENP(m)/ENA(d)/FCS(k)/ENA(1) - 1		
The state of the s	S. M.; Gasperyan, A. M.	Pd-1 UR/0173/65/018/003/0045/0058	1
TITLE: On the inte	raction mechanism of solid bodi		
	Izvestiya. Seriya tekhnicheski	P. Grandon, 1944年1月 - 1945年1月 - 1945年1月 日本市場の開発機構を	-35
ABSTRACT: This inverse A. Zaminyan (O mekha XXVI, 1, 1958), was concerning the mecha fluid in a state of	undertaken to clarify existing mism of the interaction between	work of A. M. Gasparyan and A. skoy srede. DAN, ArmSSR, t. discrepancies in the literature	
tending of the region	relative motion. Motion lictur I balls through 30 different gl n of Reynolds numbers from 0.00 ere represented by the empiric	Lycerine water actiff	1
Card 1/2	$\frac{U_1}{V_0} = 1 + 2\left(\frac{\alpha}{l}\right)^{1.08}$		

19:5-12 : 2	61004-115 ACCESSION NR: AP5018664					
	and	$U_1 - U_1 = 0.261 \cdot Re^{0.126}$	-5,37 · 10 <sup>-3</sup> Re <sup>0,8</sup>			desire and con-
	where $U_0$ , $U_1$ , and $U_2$ is the	· 不是是一种人的主要的自己的人的人的人。	The second of the second	difference bette light of the	r tall	the stand same
	respectively; a- the radius and Re- the Reynolds' number	r. It is concluded the	at Ozeen's sc	lution of the	prob-	
	lam (Handbuch der Experimen reality than Stokes' soluti 150, there occurs a retarda considered in existing theo Orig. art. has: 2 tables,	on. It was observed tion of the lower ball ries on the motion of	that, in the r L, a phenomeno two balls thr	egion of 1/a = in not previous	50 - 11y	
	reality than Stokes' soluti 150, there occurs a retarda considered in existing theo	on. It was observed tion of the lower ball ries on the motion of 4 graphs, and 17 equal nicheskoy khimii, AN	that, in the r l, a phenomeno two balls the tions.	egion of 1/d = in not previous ough viscous n	50 - ily iedia.	direction of
	reality than Stokes' soluti 150, there occurs a retarda considered in existing theo Orig. art. has: 2 tables, ASSOCIAMION: Institut orga	on. It was observed tion of the lower ball ries on the motion of 4 graphs, and 17 equal nicheskoy khimii, AN	that, in the r l, a phenomeno two balls the tions.	egion of 1/d = in not previous ough viscous n	ily iedia.	age St.
	reality than Stokes' soluti 150, there occurs a retarda considered in existing theo Orig. art. has: 2 tables, ASSOCIAMION: Institut orga Organic Chemistry, AN Armon	on. It was observed tion of the lower ball ries on the motion of 4 graphs, and 17 equal nicheskoy khimii, AN A dan SSR)	that, in the r l, a phenomeno two balls the tions.	egion of 1/a = n not previous ough viscous r t (Institute of	ily iedia.	





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